

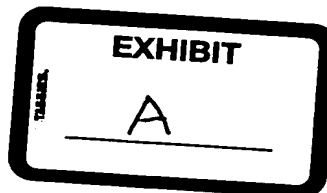


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AUGUST 06, 1998

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WASHINGTON, D.C. 20001-4597

PTAS



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UNITED STATES PATENT AND TRADEMARK OFFICE
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ASSIGNOR:
AZIMA, HENRY

DOC DATE: 04/20/1998

ASSIGNOR:
COLLOMS, MARTIN

DOC DATE: 04/20/1998

ASSIGNOR:
HARRIS, NEIL

DOC DATE: 05/15/1998

ASSIGNEE:
NEW TRANSDUCERS LIMITED
STONE HILL, HUNTINGDON
CAMBRIDGESHIRE PE18 6ED
UNITED
KINGDOM

SERIAL NUMBER: 08707012
PATENT NUMBER:

FILING DATE: 09/03/1996
ISSUE DATE:

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✓ SERIAL NUMBER: 09011770 73507
PATENT NUMBER:

FILING DATE: 06/01/1998
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✓ SERIAL NUMBER: 09011771 73773
PATENT NUMBER:

FILING DATE: 05/13/1998
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✓ SERIAL NUMBER: 09011772 73905
PATENT NUMBER:

FILING DATE: MFC 95
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✓ SERIAL NUMBER: 09011773 73508
PATENT NUMBER:

FILING DATE: 05/13/1998
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SERIAL NUMBER: 09011774 73904
PATENT NUMBER:

FILING DATE: 05/13/1998
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SERIAL NUMBER: 09011831 73509
PATENT NUMBER:

FILING DATE: 05/13/1998
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SERIAL NUMBER: 09011832 73899
PATENT NUMBER:

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SERIAL NUMBER: 09011833 73903
PATENT NUMBER:

FILING DATE: 05/13/1998
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SERIAL NUMBER: 09011834 73770
PATENT NUMBER:

FILING DATE: 02 SE 1996
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SERIAL NUMBER: 09011835 73779
PATENT NUMBER:

FILING DATE: 24 FE 1998
ISSUE DATE:

SERIAL NUMBER: 09029056 73780
PATENT NUMBER:

FILING DATE: 07/08/1998
ISSUE DATE:

SERIAL NUMBER: 09029059 73772
PATENT NUMBER:

FILING DATE: 24 FE 1998
ISSUE DATE:

SERIAL NUMBER: 09029060 73775
PATENT NUMBER:

FILING DATE: 24 FE 1998
ISSUE DATE:

SERIAL NUMBER: 09029062 73777
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FILING DATE: 05/13/1998
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SERIAL NUMBER: 09029334 73768
PATENT NUMBER:

FILING DATE: 24 FE 1998
ISSUE DATE:

SERIAL NUMBER: 09029340 73898
PATENT NUMBER:

FILING DATE: 05/13/1998
ISSUE DATE:

SERIAL NUMBER: 09029349 73774
PATENT NUMBER:

FILING DATE: 02 SE 1998
ISSUE DATE:

SERIAL NUMBER: 09029359 73902
PATENT NUMBER:

FILING DATE: 05/13/1998
ISSUE DATE:

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SERIAL NUMBER: 09029360 73900
PATENT NUMBER:

FILING DATE: 08/11/98
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SERIAL NUMBER: 09029361 73774
PATENT NUMBER:

FILING DATE: 07/08/1998
ISSUE DATE:

STEVEN POST, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

U.S. Patent Applications
in the Name of New Transducers Limited

Atty. Dkt.	PCT Number	US Serial No.	Title of Invention
1960.59072	None	08/707,012 filed 3 Sept. 96	Acoustic Device
1960.73507	PCT/GB96/02160 filed 2 Sept. 96	09/011,770 filed 24 Feb. 98	Inertial Vibrations Transducers
1960.73773	PCT/GB96/02147 filed 2 Sept. 96	09/011,771 filed 24 Feb. 98	A Portable Compact Disc Player
1960.73905	PCT/GB96/02155 filed 2 Sept. 96	09/011,772 filed 24 Feb. 98	Panel-Form Microphones
1960.73508	PCT/GB96/02167 filed 2 Sept. 96	09/011,773 filed 24 Feb. 98	Inertial Vibrations Transducers
1960.73904	PCT/GB96/02146 filed 2 Sept. 96	09/011,774 filed 24 Feb. 98	Packaging
1960.73509	PCT/GB96/02148 filed 2 Sept. 96	09/011,831 filed 24 Feb. 98	Vibrational Transducers
1960.73899	PCT/GB96/02166 filed 2 Sept. 96	09/011,832 filed 24 Feb. 98	Loudspeakers with Panel-Form Acoustic Radiating Elements
1960.73903	PCT/GB96/02159 filed 2 Sept. 96	09/011,833 filed 24 Feb. 98	A Vending Machine
1960.73770	PCT/GB96/02151 filed 2 Sept. 96	09/011,834 filed 24 Feb. 98	Visual Display Means Incorporating Loudspeakers
1960.73779	PCT/GB96/02144 filed 2 Sept. 96	09/011,835 filed 24 Feb. 98	Greetings or the Like Card
1960.73780	PCT/GB96/02137 filed 2 Sept. 96	09/029,056 filed 24 Feb. 98	Display Screens Incorporating Loudspeakers
1960.73772	PCT/GB96/02142 filed 2 Sept. 96	09/029,059 filed 24 Feb. 98	Personal Computers
1960.73775	PCT/GB96/02164 filed 2 Sept. 96	09/029,060 filed 24 Feb. 98	Musical Instruments Incorporating Loudspeakers
1960.73777	PCT/GB96/02165 filed 2 Sept. 96	09/029,062 filed 24 Feb. 98	Noticeboards Incorporating Loudspeakers
1960.73768	PCT/GB96/02153 filed 2 Sept. 96	09/029,334 filed 24 Feb. 98	Loudspeakers Comprising Panel- Form Acoustic Radiating Elements
1960.73898	PCT/GB96/02140 filed 2 Sept. 96	09/029,340 filed 24 Feb. 98	Loudspeakers Comprising Panel- Form Acoustic Radiating Elements
1960.73774	PCT/GB96/02157 filed 2 Sept. 96	09/029,349 filed 24 Feb. 98	Passenger Vehicles Incorporating Loudspeakers Comprising Panel- Form Acoustic Radiating Elements
1960.73902	PCT/GB96/02163 filed 2 Sept. 96	09/029,359 filed 24 Feb. 98	Panel-Form Loudspeakers
1960.73900	PCT/GB96/02162 filed 2 Sept. 96	09/029,360 filed 24 Feb. 98	Panel-Form Loudspeakers
1960.73776	PCT/GB96/02158 filed 2 Sept. 96	09/029,361 filed 24 Feb. 98	Loudspeakers Comprising Panel- Form Acoustic Radiating Elements

UNITED STATES

ASSIGNMENT

WHEREAS, HENRY AZIMA, MARTIN COLLOMS and NEIL HARRIS of 3 Southacre Close, Chauncer Road, Cambridge CB2 2TT, Great Britain, 22 Burgess Hall, London NW2 2DA, Great Britain and 9 Davey Crescent, Great Shelford, Cambridge CB2 5JF, Great Britain, respectively, have invented certain new and useful improvements as fully set forth and described in the United States patent applications, particulars of which are set out in the attached Schedule;

AND WHEREAS CENTRALFORCE LIMITED of Great Britain has acquired from the said HENRY AZIMA, MARTIN COLLOMS and NEIL HARRIS the whole right, title and interest for the United States and to the said inventions, applications and in and to any Letters Patent of the United States that may be obtained therefor;

AND WHEREAS VERITY GROUP PLC of Stonehill, Huntingdon, Cambridgeshire PE18 6ED, Great Britain has acquired from the said CENTRALFORCE LIMITED, the whole right, title and interest for the United States in and to the said inventions, applications and in and to any Letters Patent of the United States that may be obtained therefor;

AND WHEREAS NEW TRANSDUCERS LIMITED, of Stonehill, Huntingdon, Cambridgeshire PE18 6ED, Great Britain, has acquired from the said VERITY GROUP PLC the whole right, title and interest for the United States in and to the said inventions, applications and in and to any Letters Patent of the United States that may be obtained therefor;


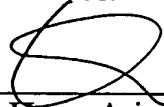
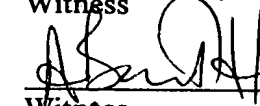
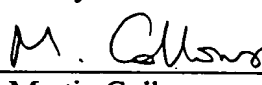
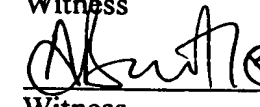

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable consideration, the receipt of which hereby is acknowledged, the said HENRY AZIMA, MARTIN COLLOMS and NEIL HARRIS do hereby confirm that they have sold, assigned and transferred, and by these presents they do sell, assign and transfer to the said CENTRALFORCE LIMITED, its successors and assigns, the whole right, title and interest for the United States and to the said inventions as fully set forth and described in the said applications and in and to the said applications insofar as they designate the United States in and to any Letters Patent of the United States that may be obtained therefor;

AND be it known also that for and in consideration of the sum of One Dollar and other good and valuable consideration, the receipt of which hereby is acknowledged, the said CENTRALFORCE LIMITED does hereby confirm that it has sold, assigned and transferred,

and by these presents it does sell, assign and transfer to the said VERITY GROUP PLC, its successors and assigns, the whole right, title and interest for the United States in and to the said inventions as fully set forth and described in the said applications and in and to the said applications insofar as they designate the United States and in and to any Letters Patent of the United States that may be obtained therefor;

AND be it known also that for and in consideration of the sum of One dollar and other good and valuable consideration, the receipt of which hereby is acknowledged, the said VERITY GROUP PLC does hereby confirm that it has sold, assigned and transferred, and by these presents it does sell, assign and transfer to the said NEW TRANSDUCERS LIMITED, its successors and assigns, the whole right, title and interest for the United States in and to the said inventions as fully set forth and described in the said applications and in and to the said applications insofar as they designate the United States in and to any Letters Patent of the United States that may be obtained therefor.


IN TESTIMONY WHEREOF, the said HENRY AZIMA, MARTIN COLLOMS and NEIL HARRIS have hereunto set their hands.

 _____ Witness	 _____ Henry Azima (Seal)	<u>20-4-98</u> Date
 _____ Witness	 _____ Martin Colloms (Seal)	<u>20-4-98</u> Date
 _____ Witness	 _____ Neil Harris (Seal)	<u>15-5-98</u> Date

AND IN TESTIMONY WHEREOF, the said CENTRAL FORCE LIMITED has caused its common seal to be hereunto affixed under the hands of its duly authorized signing officer.

CENTRALFORCE LIMITED

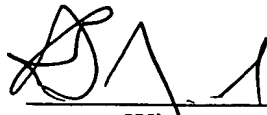
(Seal)



Name: D C BARKATAKI
Title: FINANCE DIRECTOR

20. 4. 98

Date



Witness
N. C. HECKFORD



AND IN TESTIMONY WHEREOF, the said VERITY GROUP PLC has caused its common seal to be hereunto affixed under the hands of its duly authorized signing officer.

VERITY GROUP PLC

(Seal)

P. J. Thomas
Name:
Title:

7th May 1998
Date

John Lewis
Witness

